

D. NAPP

ENTERED



OICE

RAW SEQUENCE LISTING

DATE: 08/25/2003

PATENT APPLICATION: US/10/050,271

TIME: 15:15:17

Input Set : N:\CrF3\RULE60\10050271.RAW.txt

Output Set: N:\CRF4\08252003\J050271.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Yatvin, Milton B.

6 Stowell, Michael HB

7 Gallicchio, Vincent S.

8 Meredith, Michael J.

10 (ii) TITLE OF INVENTION: Microparticle-Drug Conjugates for

11 Biological Targeting

13 (iii) NUMBER OF SEQUENCES: 6

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff

17 (B) STREET: 300 South Wacker Drive 32nd Floor

18 (C) CITY: Chicago

19 (D) STATE: Illinois

20 (E) COUNTRY: USA

21 (F) ZIP: 60606

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/10/050,271

C--> 31 (B) FILING DATE: 15-Jan-2002

W--> 36 (C) CLASSIFICATION: 514

33 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: US/09/060,011

35 (B) FILING DATE: 14-APR-1998

37 (viii) ATTORNEY/AGENT INFORMATION:

38 (A) NAME: Noonan, Kevin E

39 (B) REGISTRATION NUMBER: 35,303

40 (C) REFERENCE/DOCKET NUMBER: 90,663-Y

42 (ix) TELECOMMUNICATION INFORMATION:

43 (A) TELEPHONE: 312 913 0001

44 (B) TELEFAX: 312 913 0002

45 (C) TELEX:

48 (2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

51 (A) LENGTH: 4 amino acids

52 (B) TYPE: amino acid

53 (D) TOPOLOGY: linear

55 (ii) MOLECULE TYPE: peptide

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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```

61      Ala Ala Ala Ala
62      1
67 (2) INFORMATION FOR SEQ ID NO: 2:
69      (i) SEQUENCE CHARACTERISTICS:
70          (A) LENGTH: 8 amino acids
71          (B) TYPE: amino acid
72          (D) TOPOLOGY: linear
74      (ii) MOLECULE TYPE: peptide
76      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
78      Gly Ser His Leu Val Glu Ala Leu
79      1          5
83 (2) INFORMATION FOR SEQ ID NO: 3:
85      (i) SEQUENCE CHARACTERISTICS:
86          (A) LENGTH: 8 amino acids
87          (B) TYPE: amino acid
88          (D) TOPOLOGY: linear
90      (ii) MOLECULE TYPE: peptide
92      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
94      His Leu Val Arg Ala Leu Tyr Leu
95      1          5
99 (2) INFORMATION FOR SEQ ID NO: 4:
101     (i) SEQUENCE CHARACTERISTICS:
102         (A) LENGTH: 8 amino acids
103         (B) TYPE: amino acid
104         (D) TOPOLOGY: linear
106     (ii) MOLECULE TYPE: peptide
108     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
110     Val Glu Ala Leu Tyr Leu Val Cys
111     1          5
115 (2) INFORMATION FOR SEQ ID NO: 5:
117     (i) SEQUENCE CHARACTERISTICS:
118         (A) LENGTH: 8 amino acids
119         (B) TYPE: amino acid
120         (D) TOPOLOGY: linear
122     (ii) MOLECULE TYPE: peptide
124     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
126     Glu Ala Leu Tyr Leu Val Cys Gly
127     1          5
131 (2) INFORMATION FOR SEQ ID NO: 6:
133     (i) SEQUENCE CHARACTERISTICS:
134         (A) LENGTH: 31 amino acids
135         (B) TYPE: amino acid
136         (D) TOPOLOGY: linear
138     (ii) MOLECULE TYPE: peptide
140     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
W--> 142     Ala Xaa Cys Tyr Cys Arg Ile Pro Ala Cys Ile Ala Gly Asp Arg
143         1          5          10          15
145     Arg Tyr Gly Thr Cys Ile Tyr Gln Gly Arg Leu Trp Ala Phe Cys
146         20          25          30

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RAW SEQUENCE LISTING

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Input Set : N:\Crf3\RULE60\10050271.RAW.txt

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148

Cys

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/050,271

DATE: 08/25/2003
TIME: 15:15:18

Input Set : N:\Crf3\RULE60\10050271.RAW.txt
Output Set: N:\CRF4\08252003\J050271.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; Xaa Pos.2

VERIFICATION SUMMARY

DATE: 08/25/2003

PATENT APPLICATION: US/10/050,271

TIME: 15:15:18

Input Set : N:\Crf3\RULE60\10050271.RAW.txt

Output Set: N:\CRF4\08252003\J050271.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0

STATISTICS SUMMARY

PATENT APPLICATION: US/10/050,271

DATE: 08/25/2003

TIME: 15:15:18

Input Set : N:\Crf3\RULE60\10050271.RAW.txt

Output Set: N:\CRF4\08252003\J050271.raw

Application Serial Number: US/10/050,271

Alpha or Numeric or Xml: Alpha

Application Class:

Application File Date: 01-15-2002

Art Unit: OIPE

Software Application: PatentIN1.0

Total Number of Sequences: 6

Total Nucleotides: 0

Total Amino Acids: 67

Number of Errors: 0

Number of Warnings: 2

Number of Corrections: 2

MESSAGE SUMMARY

220 C: 2 (Keyword misspelled or invalid format)

341 W: 1 ((46) "n" or "Xaa" used)